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| **856** | **Ship Notice/Manifest** |
|   | **Functional Group=SH** |

This Draft Standard for Trial Use contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information.  The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

**Heading:**

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|  | **Pos** | **Id** | **Segment Name** | **Req** | **Max Use** | **Repeat** | **Notes** | **Usage** |  |  |
|  | 010 | ST | Transaction Set Header | M | 1 |   |   | Must use |  |  |
|  | 020 | BSN | Beginning Segment for Ship Notice | M | 1 |   |   | Must use |  |  |
|  | 040 | DTM | Date/Time Reference | M | 10 |   |   | Must use |  |  |

**Detail:**

|  |  |  |  |  |  |  |  |  |  |  |
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|  | **Pos** | **Id** | **Segment Name** | **Req** | **Max Use** | **Repeat** | **Notes** | **Usage** |  |  |
|   | **LOOP ID - HL** |   |   |   |   | **200000** |   |   |   |   |
|  | 010 | HL | Hierarchical Level | M | 1 |   | C2/010 | Must use |  |  |
|  | 020 | LIN | Item Identification | M | 1 |   |   | Must Use |  |  |
|  | 030 | SN1 | Item Detail (Shipment) | M | 1 |   |   | Must Use |  |  |
|  | 050 | PRF | Purchase Order Reference | M | 1 |   |   | Must Use |  |  |
|  | 110 | TD1 | Carrier Details (Quantity and Weight) | M | 20 |   |   | Must Use |  |  |
|  | 120 | TD5 | Carrier Details (Routing Sequence/Transit Time) | M | 12 |   |   | Must use |  |  |
|  | 190 | MAN | Marks and Numbers | M | >1 |   |   | Dependent |  |  |
|   | **LOOP ID - SAC** |   |   |   |   | **>1** |   |   |   |   |
|  | 320 | SAC | Service, Promotion, Allowance, or Charge Information | M | 1 |   |   | Must Use |  |  |

**Summary:**

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|  | **Pos** | **Id** | **Segment Name** | **Req** | **Max Use** | **Repeat** | **Notes** | **Usage** |  |  |
|  | 010 | CTT | Transaction Totals | M | 1 |   | N3/010 | Must use |  |  |
|  | 020 | SE | Transaction Set Trailer | M | 1 |   |   | Must use |  |  |

**Notes:**

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| 3/010 | Number of line items (CTT01) is the accumulation of the number of HL segments. |

**Comments:**

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| 2/010 | The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.The HL Segment hierarchy is Order(O), Pack (P) and Item (I). |

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| **ST** | **Transaction Set Header** |

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| **Pos: 010** | **Max: 1** |  |

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| **Heading - Mandatory** |  |

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| **Loop: N/A** | **Elements: 2** |  |

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| **Usage Option:** | Must use |

To indicate the start of a transaction set and to assign a control number

**Element Summary:**

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| --- | --- | --- | --- | --- | --- | --- |
|  | **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** |
|  | ST01 | 143 | **Transaction Set Identifier Code** | M | ID | 3/3 |
|   | **Code** | **Name** |
|   | 856 | Ship Notice/Manifest |
|  | **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** |
|  | ST02 | 329 | **Transaction Set Control Number** | M | AN | 4/9 |

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| **BSN** | **Beginning Segment for Ship Notice** |

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| **Pos: 020** | **Max: 1** |  |

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| **Heading - Mandatory** |  |

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| **Loop: N/A** | **Elements: 4** |  |

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| **Usage Option:** | Must use |

To transmit identifying numbers, dates, and other basic data relating to the transaction set

**Element Summary:**

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| --- | --- | --- | --- | --- | --- | --- |
|  | **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** |
|  | BSN01 | 353 | **Transaction Set Purpose Code** | M | ID | 2/2 |
|   | **Code** | **Name** |
|   | 00 | Original |
|  | **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** |
|  | BSN02 | 396 | **Shipment Identification**

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| **Usage Notes** |  |

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| Unique numeric identifier for this shipment, assigned by the supplier. |  |

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|  | M | AN | 2/30 |
|  | BSN03 | 373 | **Date**

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| **Usage Notes** |  |

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| Date the transaction set was created. |  |

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|  | M | DT | 8/8 |
|  | BSN04 | 337 | **Time**

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| **Usage Notes** |  |

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| Time the transaction set was created. |  |

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|  | M | TM | 4/8 |

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| **DTM** | **Date/Time Reference** |

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| **Pos: 040** | **Max: 10** |  |

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| **Heading - Optional** |  |

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| **Loop: N/A** | **Elements: 2** |  |

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| **Usage Option:** | Must use |

To specify pertinent dates and times

**Element Summary:**

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| --- | --- | --- | --- | --- | --- | --- |
|  | **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** |
|  | DTM01 | 374 | **Date/Time Qualifier** | M | ID | 3/3 |
|   | **Code** | **Name** |
|   | 011 | Shipped |
|  | **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** |
|  | DTM02 | 373 | **Date** | M | DT | 8/8 |
|  | DTM03 | 337 | **Time** | M | TM | 4/8 |
|  | DTM04 | 623 | **Time Zone Qualifier** | M | ID | 2/2 |

Time Zone values

**NorthAmerica / Europe**

ET = Eastern Time

CT = Central Time

MT = Mountain Time

PT = Pacific Time

ED = Eastern Daylight Time

CD = Central Daylight Time

MD = Mountain Daylight Time

PD = Pacific Daylight Time

GM = Greenwich Mean Time (GMT England)

Example:

DTM\*011\*20080708\*1150\*PT~

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **HL** | **Hierarchical Level** |

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| --- | --- | --- |
| **Pos: 010** | **Max: 1** |  |

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| **Detail - Mandatory** |  |

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| **Loop: HL** | **Elements: 3** |  |

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| **Usage Option:** | Must use |

To identify dependencies among and the content of hierarchically related groups of data segments

**Element Summary:**

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| --- | --- | --- | --- | --- | --- | --- |
|  | **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** |
|  | HL01 | 628 | **Hierarchical ID Number**

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| **Usage Notes** |  |

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| Numeric sequence number to uniquely identify this HL segment within the transaction set. |  |

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|  | M | AN | 1/12 |
|  | HL02 | 734 | **Hierarchical Parent ID Number**

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| **Usage Notes** |  |

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| If HL03 = "O", this value is "0" (zero).If HL03 = "P", this value is the ID Number (HL01) from the associated order HL.If HL03 = "I", this value is the ID Number (HL01) from the associated package HL. |  |

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|  | M | AN | 1/12 |
|  | HL03 | 735 | **Hierarchical Level Code** | M | ID | 1/2 |
|   | **Code** | **Name** |
|   | I | Item |
|   | O | Order |
|   | P | Pack |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **LIN** | **Item Identification** |

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| **Pos: 020** | **Max: 1** |  |

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| **Detail - Optional** |  |

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| **Loop: HL** | **Elements: 3** |  |

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| **Usage Option:** | Must Use |

To specify basic item identification data

**Element Summary:**

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|  | **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** |
|  | LIN01 | 350 | **Assigned Identification**

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| **Usage Notes** |  |

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| Numeric sequence number to uniquely identify this LIN segment within the transaction set. |  |

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|  | M | AN | 1/20 |
|  | LIN02 | 235 | **Product/Service ID Qualifier** | M | ID | 2/2 |
|   | **Code** | **Name** |
|   | PL | Purchaser's Order Line Number |
|  | **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** |
|  | LIN03 | 234 | **Product/Service ID**

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| **Usage Notes** |  |

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| Purchase Order Line Number (PO101) from the original 850 PO |  |

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|  | M | AN | 1/48 |
|  | **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** |
|  | LIN04 | N/A | **Product/Service ID**

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| **Usage Notes****Is used to indicate Store Number Identifier “SN”** |  |

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|  | O | ID | 2/2 |
|  | **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** |
|  | LIN05 | N/A | **Product/Service ID**

|  |  |
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| **Usage Notes****Is used to indicate actual Store Number** |  |

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|  | O | AN | 1/48 |

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| **Segment Notes** |
| Contains the purchase order line number, only used in the line hierarchical level (HL03 = "I").May (optional ) contain the store number id and actual store number only in the line hierarchical level (HL03 = "I"). |

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| **SN1** | **Item Detail (Shipment)** |

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| **Pos: 030** | **Max: 1** |  |

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| **Detail - Optional** |  |

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| **Loop: HL** | **Elements: 3** |  |

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|  |
| **Usage Option:** | Must Use |

To specify line-item detail relative to shipment

**Element Summary:**

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| --- | --- | --- | --- | --- | --- | --- |
|  | **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** |
|  | SN101 | 350 | **Assigned Identification**

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| **Usage Notes** |  |

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| Numeric sequence number to uniquely identify this SN1 segment within the transaction set.  May be the same as the LIN01 ID Number within this same HL loop. |  |

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|  | M | AN | 1/20 |
|  | SN102 | 382 | **Number of Units Shipped** | M | R | 1/10 |
|  | SN103 | 355 | **Unit or Basis for Measurement Code** | M | ID | 2/2 |
|   | **Code** | **Name** |
|   | EA | Each |
| **Segment Notes** |
| Contains the number of units shipped, only used in the line hierarchical level (HL03 = "I"). |

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| **PRF** | **Purchase Order Reference** |

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| **Pos: 050** | **Max: 1** |  |

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| **Detail - Optional** |  |

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| **Loop: HL** | **Elements: 2** |  |

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| **Usage Option:** | Must Use |

To provide reference to a specific purchase order

**Element Summary:**

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| --- | --- | --- | --- | --- | --- | --- |
|  | **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** |
|  | PRF01 | 324 | **Purchase Order Number**

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| **Usage Notes** |  |

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| Purchase Order Number (BEG03) from the original 850 PO |  |

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|  | M | AN | 1/22 |
|  | PRF07 | 92 | **Purchase Order Type Code** | M | ID | 2/2 |
|   | **Code** | **Name** |
|   | DS | Dropship |
| **Segment Notes** |
| Contains a reference to the purchase order number, only used in the order hierarchical level (HL03 = "O"). |

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| **TD1** | **Carrier Details (Quantity and Weight)** |

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| **Pos: 110** | **Max: 20** |  |

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| **Detail - Optional** |  |

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| **Loop: HL** | **Elements: 3** |  |

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|  |
| **Usage Option:** | Must Use |

To specify the transportation details relative to commodity, weight, and quantity

**Element Summary:**

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| --- | --- | --- | --- | --- | --- | --- |
|  | **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** |
|  | TD106 | 187 | **Weight Qualifier** | M | ID | 1/2 |
|   | **Code** | **Name** |
|   | G | Gross Weight |
|  | **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** |
|  | TD107 | 81 | **Weight** | M | R | 1/10 |
|  | TD108 | 355 | **Unit or Basis for Measurement Code** | M | ID | 2/2 |
|   | **Code** | **Name** |
|   | LB | Pound |
| **Segment Notes** |
| Contains the package weight, must be used in the package hierarchical level (HL03 = "P"). |

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| **TD5** | **Carrier Details (Routing Sequence/Transit Time)** |

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| **Pos: 120** | **Max: 12** |  |

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| **Detail - Optional** |  |

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| **Loop: HL** | **Elements: 3** |  |

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| **Usage Option:** | Must Use |

To specify the carrier and sequence of routing and provide transit time information

**Element Summary:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** |
|  | TD501 | 133 | **Routing Sequence Code** | M | ID | 1/2 |
|   | **Code** | **Name** |
|   | O | Origin Carrier (Air, Motor, or Ocean) |
|  | **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** |
|  | TD502 | 66 | **Identification Code Qualifier** | M | ID | 1/2 |
|   | **Code** | **Name** |
|   | 94 | Code assigned by the organization that is the ultimate destination of the transaction set |
|  | **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** |
|  | TD503 | 67 | **Identification Code**Carrier method code up to 4 digits numeric                                                                                  | M | AN | 2/80 |
|   | **Code** | **Name** |
|   | 01 | USPS 3rd Class |
|   | 02 | UPS Ground |
|   | 03 | Clark Transport |
|   | 04 | Yellow Freight System |
|   | 05 | USPS Express Mail |
|   | 07 | USPS 4th Inter |
|   | 08 | UPS Basic  |
|   | 09 | UPS Second day Air |
|   | 10 | USPS First Class |
|   | 12 | Silver Star |
|   | 13 | UPS Second Day Ground |
|   | 14 | Consolidation |
|   | 16 | UPS Next Day Air |
|   | 17 | Common Carrier |
|   | 19 | FedEx Express Saver (3 Day Service) |
|   | 20 | FedEx Ground |
|   | 21 | FedEx Priority One day |
|   | 22 | FedEx Priority Two Day |
|   | 23 | FedEx Priority Overnight |
|   | 24 | FedEx Standard Overnight (PM Delivery) |
|   | 26 | UPS Next Day Air Saver |
|   | 29 | UPS 3 Day Select |
|   | 30 | USPS Priority Mail |
|   | 31 | USPS Priority Mail |
|   | 32 | OLD Dominion Freight Line LTL |
|   | 33 | Newgistics |
|   | 34 | Airborne Ground Delivery |
|   | 35 | Airborne Express |
|   | 36 | Airborne |
|   | 37 | Airborne 2-DAY |
|   | 38 | UPS Ground |
|   | 41 | ABF Freight System |
|   | 42 | Bekins |
|   | 43 | Pilot Freight Basic Delivery |
|   | 44 | FedEx Priority Overnight w/Saturday Delivery |
|   | 45 | UPS Next Day Air Saver (Saturday Delivery) |
|   | 46 | SmartMail |
|   | 47 | USPS Media Mail |
|   | 48 | USPS Bound Printed Matter |
|  | 50 | Bekins Premium |
|  | 51 | USA Truck |
|  | 52 | Contract Freighers, Inc |
|   | 53 | Crete Carrier |
|   | 54 | Eagle Global Logistics - Three Day Service |
|   | 55 | Eagle Global Logistics - Economy |
|   | 56 | US Xpress |
|   | 57 | Heartland Express |
|  | 58 | Dart Transit |
|  | 61 | UPS Ground (CTN, GA) |
|  | 62 | UPS Ground (Parsippany, NJ) |
|  | 63 | UPS Ground (Chicago, IL) |
|  | 64 | UPS Ground (Vernon, CA) |
|  | 65 | FedEx SmartPost - BMC |
|  | 66 | FedEx SmartPost - DDU |
|  | 67 | FedEx Home Delivery |
|  | 68 | Streamlite |
|  | 69 | UPS Mail Innovations BPM |
|  | 70 | UPS Mail Innovations |
|  | 71 | USPS |
|  | 72 | Sun Delivery, Inc |
|  | 73 | APX-DDU |
|  | 74 | APX-BMC |
|  | 77 | Direct to Store FedEx priority 1 day\* |
|  | 78 | Direct to Store FedEx priority 2 day\* |
|  | 79 | Direct to Store FedEx, Ground\* |
|  | 80 | Direct to Store UPS, Ground |
|  | 81 | In-Store delivery through WPM RDC |
|  | 82 | Seko Worldwide |
|  | 83 | DHL@home |
|  | 84 | DHL@home(expedited) |
|  | 85 | DHL 2nd Day |
|  | 86 | DHL Next Day 03:00pm |
|  | 87 | FTD Florist |
|  | 88 | Direct to Store UPS Next Day Air \* |
|  | 89 | 1 Hour Burn on Demand |
|  | 90 | Direct to Store - Freight |
|  | 91 | In-Store delivery through Bypass WPM |
|  | 92 | Direct to Store via DHL (Jewelry & Media) |
|  | 95 | Fulfilled with Inventory from a Wal-Mart Store |
|  | 96 | Wal\_Mart Fleet for In-Store Pickup |
|  | 97 | Direct to Store UPS, second Day Air\* |
|  | 98 | Downloads |
|  | 99 | In-Store Pickup |
|  | 100 | DHL Next Day 12:00pm |
|  | 101 | DHL Next Day w/Sat |
|  |  |  |
|  |  | Note : A list of actual applicable codes will be provided separately based on the item assortment |
| **Segment Notes** |
| Contains the package shipping method, Must be used in the package hierarchical level (HL03 = "P"). |

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| **MAN** | **Marks and Numbers** |

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| **Pos: 190** | **Max: >1** |  |

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| **Detail - Optional** |  |

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| **Loop: HL** | **Elements: 2** |  |

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| **Usage Option:** | Must use for MAN\*CP and MAN\*SM |

To indicate identifying marks and numbers for shipping containers

**Element Summary:**

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| --- | --- | --- | --- | --- | --- | --- |
|  | **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** |
|  | MAN01 | 88 | **Marks and Numbers Qualifier** | M | ID | 1/2 |
|   | **Code** | **Name** |
|   | CP | Carrier-Assigned Package ID Number |
|   | SM | Shipper Assigned |
|  | GM | SSCC-18  Bar code |
|  | **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** |
|  | MAN02 | 87 | **Marks and Numbers**

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| **Usage Notes** |  |

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| If MAN01 = "CP, then this is the tracking number assigned by the carrier. Required for all packages, both Site to Home and Site to Store.If MAN01 = "SM", then this is a unique package ID assigned by the supplier.  Required for all packages both Site to Home and Site to Store. Can be the same value as in MAN-02 when MAN-01=”CP”.If MAN01 = “GM”, then this is a vendor assigned 20 digit SSCC-18 bar code number. Must for only Site to Store packages. Do not send this for Site to Home packages. |  |

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|  | M | AN | 1/48 |

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| **Segment Notes** |
| Contains the package identification numbers, only used in the package hierarchical level (HL03 = "P"). |

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| **SAC** | **Service, Promotion, Allowance, or Charge Information** |

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| **Pos: 320** | **Max: 1** |  |

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| **Detail - Optional** |  |

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| **Loop: SAC** | **Elements: 5** |  |

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| **Usage Option:** | Must Use |

To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

**Element Summary:**

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| --- | --- | --- | --- | --- | --- | --- |
|  | **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** |
|  | SAC01 | 248 | **Allowance or Charge Indicator** | M | ID | 1/1 |
|   | **Code** | **Name** |
|   | N | No Allowance or Charge |
|  | **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** |
|  | SAC02 | 1300 | **Service, Promotion, Allowance, or Charge Code** | X | ID | 4/4 |
|   | **Code** | **Name** |
|   | D500 | Handling |
|   | G821 | Shipping   (Must use) |
|   | H151 | Special Services |
|  | **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** |
|  | SAC08 | 118 | **Rate**Can be defaulted to zero. | M | R | 1/9 |
|  | SAC12 | 331 | **Allowance or Charge Method of Handling Code**

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| **Usage Notes** |  |

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| If SAC02 = "G821", then the shipping cost may be paid by Walmart.com to the vendor (SAC12 = "06") or directly to the carrier (SAC12 = "15").Otherwise the costs are paid to the vendor (SAC12 = "06"). |  |

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|  | M | ID | 2/2 |
|   | **Code** | **Name** |
|   | 06 | Charge to be Paid by Customer (default) |
|   | 15 | Information Only  |
|  | **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** |
|  | SAC15 | 352 | **Description**

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| **Usage Notes** |  |

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| If SAC02 = "H151", then this field contains the VAS code associated with the special service.  Otherwise this element is not used. |  |

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|  | X | AN | 1/80 |
|   | **Code** | **Name** |
|   | VGM | Gift Message (Up to Four Lines) |
|   | VGT | Gift Tag (To/From) |
|   | VGW | Gift Wrapping |
| **Segment Notes** |
| Contains the information about related costs.Shipping costs (SAC02 = "G821") is mandatory and is reported on the package hierarchical level (HL03 = "P").Handling and special service costs (SAC02 = "D500" and "H151") are optional and are reported on the item hierarchical level (HL03 = "I"). |

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| **CTT** | **Transaction Totals** |

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| **Pos: 010** | **Max: 1** |  |

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| **Summary - Optional** |  |

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| **Loop: N/A** | **Elements: 1** |  |

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| **Usage Option:** | Must use |

To transmit a hash total for a specific element in the transaction set

**Element Summary:**

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|  | **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** |
|  | CTT01 | 354 | **Count of the number of HL levels** | M | N0 | 1/6 |

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| **SE** | **Transaction Set Trailer** |

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| **Pos: 020** | **Max: 1** |  |

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| **Summary - Mandatory** |  |

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| **Loop: N/A** | **Elements: 2** |  |

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| **Usage Option:** | Must use |

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

**Element Summary:**

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| --- | --- | --- | --- | --- | --- | --- |
|  | **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** |
|  | SE01 | 96 | **Number of Included Segments** | M | N0 | 1/10 |
|  | SE02 | 329 | **Transaction Set Control Number** | M | AN | 4/9 |

**Please see example pdf file for different 856 samples for Site to Home and Site to Store packages.**